

Product Specification

Product class: LED Streetlight

Item No.: DK270-120×60-3.5H-18H1

Material: PC

Certification: RoHS

Set Up:Xuan Yang

Check:Xiaohui Liang

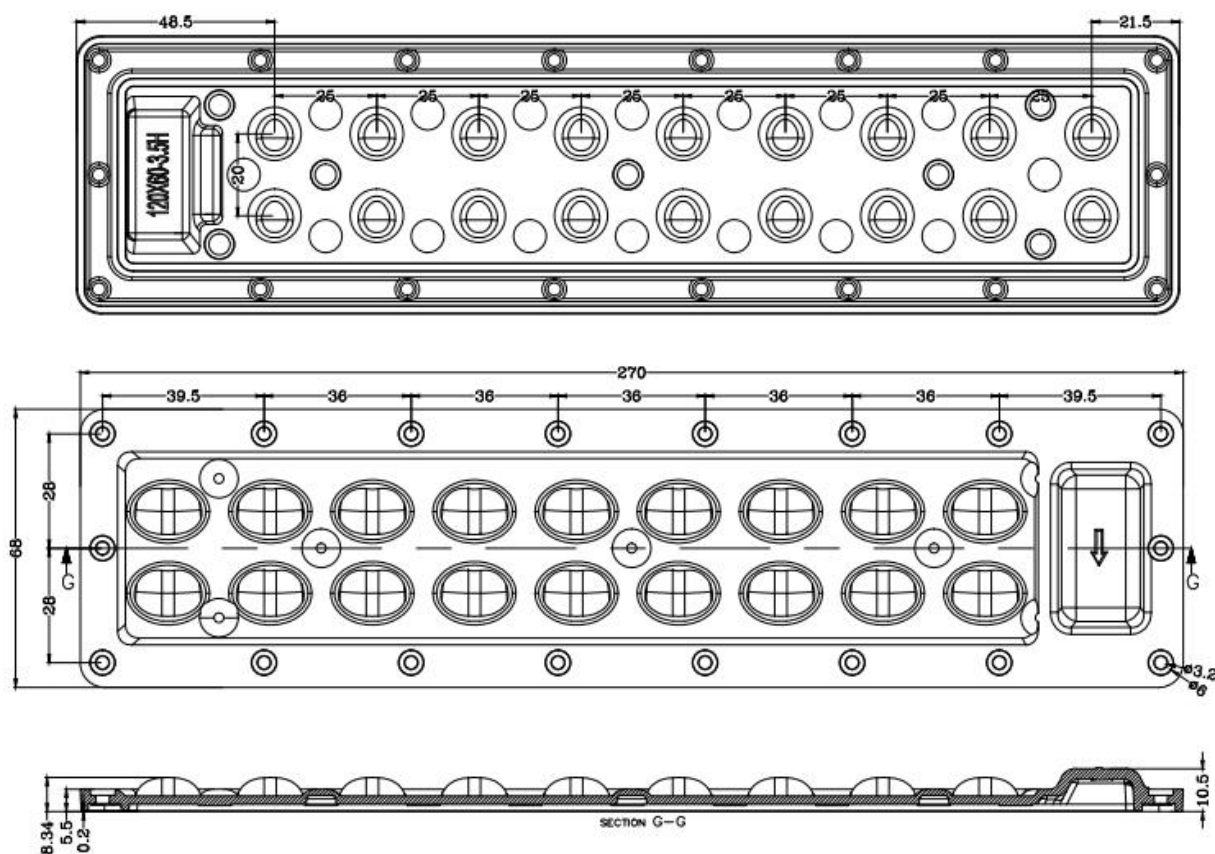
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Specification

Item No	Picture	Size	Matched LED	Lighting Application
DK270-120×60-3.5H-18H1		Diameter: Φ270 Height: 68mm FWHM: 120*60 °	3535	Streetlight lens

Drawing



Optical test report

产品特征

灯具种类: Luminaire catalog number

灯具型号: Luminaire description

光源种类: Lamp catalogue number

光源个数: 1

灯具长度(mm): 152 mm

灯具高度(mm): 91 mm

灯具制造厂商: Manufacturer of luminaire

光源型号: Lamp description

光源光通量: 100.0 lm

灯具宽度(mm): 61 mm

功率: 1.00 W

光度结果

灯具CIE分类: 直接型

灯具光通量: 96.9 lm

下射光通量比: 88.08%

水平扩散角(10%, 25%, 50%, 75%): H335, H122.8, H91.4, H61.5

垂直扩散角(10%, 25%, 50%, 75%): V164.2, V159.1, V153.4, V147.5

灯具光效等级(LER): 97

峰值光强: 46.02 cd

额定光通量: 100.0 lm

灯具效率: 96.88%

上射光通量比: 8.79%

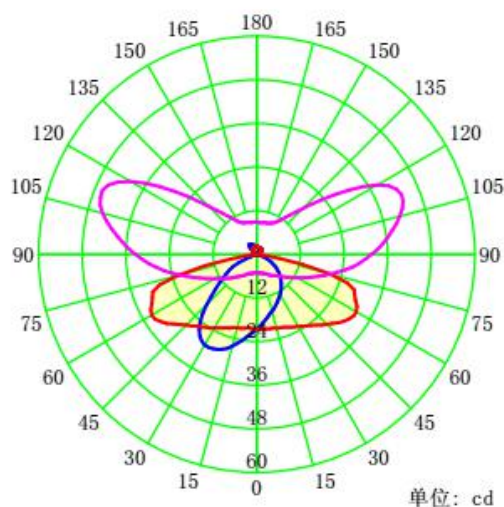
中心光强: 20.56 cd

峰值光强位置: H247.5 V60

灯具实物照片



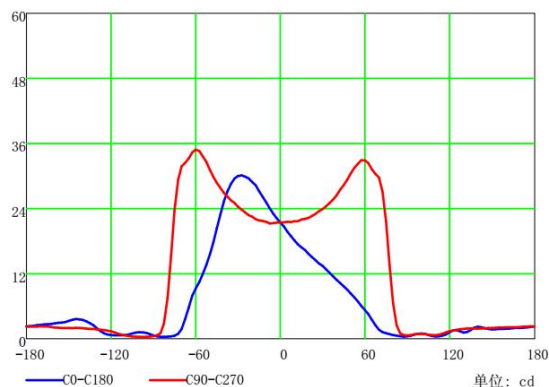
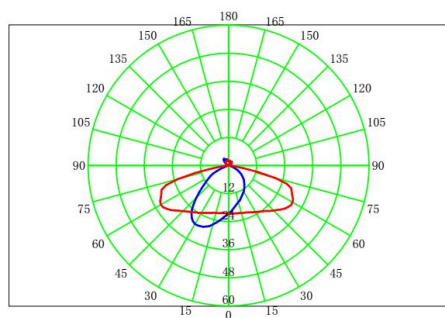
配光曲线



平均光束角(50%): 122.4°

— C0-C180 — C90-C270 — G60

配光曲线



Packing Details

Packing Material	Packing Materil size	Packing Specification
White paper	A4	24layers/inner carton 4 inner box / 1 outer box
Pearl wool	315*240mm	
White paperboard	A level; 400g; 310*230mm	
Inner box	320*245*115mm	
Outer box	A=B 505*330*255/mm	



Application Notes

(1) Please use a little water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.

(2) Forbid to use industrial solvent to clean the lens, such as alcohol.

(3) The working temperature is $-40^{\circ}\text{C}\sim+80^{\circ}\text{C}$ for PMMA product, under 120°C for PC product.

(4) Storage environment temperature is $0^{\circ}\text{C}\sim40^{\circ}\text{C}$, humidity is 30%~95%。

Optic Lens has the function to change the ray of light, it is made of optical material, the effect shall be influenced once pollute. Please do not open the packing before use it, to avoid the dust pollution.

(5) Protect the product from the sun and other ultraviolet ray, as these will lead to aging, change color, crack, etc.

(6) Please wear gloves once install the lens, avoid to abrasion the lens surface.

(7) Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions.